

Abstract of the Disclosure

A heat sink comprises a core member comprising at least one first surface adapted to contact at least a portion of the heat source. An one
5 outer peripheral surface is located on the core member. At least one cooling fin device comprising an inner peripheral surface and at least one cooling fin is adjacent the core member. In one embodiment, the inner peripheral surface of the cooling fin device is adjacent the outer peripheral surface of the core member. At least a portion of the outer peripheral surface is
10 tapered, wherein the circumference of the outer peripheral surface in the proximity of the first surface is greater than the circumference of the outer peripheral surface not in the proximity of the first surface.